

ABSTRACT

A transmission for a bicycle for re-installing a chain in the lateral direction of the bicycle in a front chain wheel having two or more sheets of gear plates, comprising two sheets of guards, i.e., a main guard for re-installing the chain from a middle diameter gear to a large diameter gear and an auxiliary guard for re-installing the chain from a small diameter gear to the middle diameter gear, wherein the main guard is pivotally supported on a link mechanism for moving the guard in the lateral direction of the bicycle and the auxiliary guard is installed on the main guard so as to be elastically displaced.